

- PI 584644. *Oryza sativa* L.**
SPALCIK; BE-3789; WIR 5516; Q 29047. Collected in Russian Federation.
- PI 584645. *Oryza sativa* L.**
UZBEKSKIJ 5; BE-3789; WIR 5797; Q 29049. Collected in Uzbekistan.
- PI 584646. *Oryza sativa* L.**
M-667; BE-3789; WIR 5829; Q 29050. Collected in Russian Federation.
- PI 584647. *Oryza sativa* L.**
VNIIR 212; BE-3789; WIR 5923; Q 29051. Collected in Russian Federation.
- PI 584648. *Oryza sativa* L.**
LUC; BE-3789; WIR 6644; Q 29053. Collected in Russian Federation.
- PI 584649. *Oryza sativa* L.**
INTENSIVNYJ; BE-3789; WIR 6780; Q 29055. Collected in Uzbekistan.
- PI 584650. *Oryza sativa* L.**
AVANGARD; BE-3789; WIR 6781; Q 29056. Collected in Uzbekistan.
- PI 584651. *Oryza sativa* L.**
GORIZONT; BE-3789; WIR 7808; Q 29057. Collected in Russian Federation.
- PI 584652. *Oryza sativa* L.**
ZEMCYZNYJ; BE-3789; WIR 7619; Q 29058. Collected in Russian Federation.
- PI 584653. *Oryza sativa* L.**
N.F. 7; BE-3789; WIR 5457; Q 29059. Collected in Russian Federation.
Krasnodar Reg.

The following were developed by V. Vallega, Cereal Research Institute, Via Labrancce 20, 00123 Rome, Italy. Received 12/20/1994.

- PI 584654. *Triticum monococcum* L.**
Breeding. Population. MONOC BULK 1-VV. Pedigree - WIR 48993/VV 307. Diploid germplasm bulk of equal amounts of seed from 34 F5 lines selected from cross between WIR 48993 (soft-glumed, partially free-threshing, very late) and VV 307 (tenacious-glumed). Bulked population soft-glumed, heads about same time as Italian durum wheat cultivars, and produces markedly larger grains than its parents. Plants about 120cm tall, and greater spike fertility and tillering capacity than WIR 48993. Grain yields analogous to common and durum wheat cultivars in soils of low and medium fertility.
- PI 584655. *Triticum durum* Desf.**
Breeding. Pureline. V. 7051. Pedigree - Valgerardo/Trinakkria. Glaucous, semi-dwarf, relatively high yielding F14 line. Grain protein content high. Heads about same time as Valgerardo. Cooking quality good, analogous to Valgerardo.
- PI 584656. *Triticum durum* Desf.**
Breeding. Pureline. V. 9104. Pedigree - Valitalico/Trinakria. Glaucous, large-seeded, semi-dwarf, very high-yielding F14 line. Grain protein content high. Heads about same time as Valfiora, a medium-early cultivar. Grain yielding ability analogous to Valitalico. Cooking quality very good, but somewhat lower than Trinakria, considered excellent.
- PI 584657. *Triticum durum* Desf.**
Breeding. Pureline. V. 9054. Pedigree - Valfiora/Trinakria. Glaucous, large-seeded, semi-dwarf, high-yielding f14 line. Grain protein content high. Heads about same time as Valfiora. Grain yielding capacity greater